

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): An image display device having functions for protecting an address driver, the device comprising:

a panel provided with address electrodes and data electrodes;
a scaler for converting an input image signal to fit into a resolution of the panel;
an address driver and a data driver for driving the address electrodes and the data electrodes, respectively, in response to an image signal from the scaler; and
a luminance control means for comparing line by line changes of the image signal outputted from the scaler, changing luminance of the image signal outputted from the scaler according to a result of the comparison, and changing the number of operations of the address driver.

2. (currently amended): The image display device as claimed in claim 1, wherein the luminance control means includes:

a line delay unit for delaying the image signal outputted from the scaler by a predetermined period of time;

a ~~line comparison part~~comparator for comparing luminance of the pixels for the image signals outputted from the line delay unit and the scaler;

a counter for counting the number of occurrence of the luminance differences among the pixels compared in the comparator; and

a luminance ~~control part~~controller for controlling the scaler in response to a result of the counting of the counter and changing the luminance of the image signal outputted from the scaler.

3. (original): The image display device as claimed in claim 2, wherein the predetermined period of time is a time period of the image signal outputted line by line from the scaler.

4. (currently amended): The image display device as claimed in claim 2, wherein the luminance ~~control part~~controller includes:
a luminance data storage for storing luminance data for decreasing the luminance level by level; and

a microcomputer for controlling the luminance data storage to output to the scaler corresponding luminance data out of luminance data stored in the luminance data storage in response to a counting value outputted from the counter.

5. (currently amended): The image display device as claimed in claim 1, further comprising a pixel pattern detector for detecting an on and off pattern of data of individual pixels constituting the image signal outputted to each line, and applying the detected pattern to the luminance control ~~part~~means in order for the luminance control ~~part~~means to change the luminance of the image signal outputted from the scaler.

6. (original): A method for protecting an address driver in an image display device having a panel provided with address electrodes and data electrodes, a scaler for converting an input image signal to fit into a resolution of the panel, an address driver and a data driver for driving the address electrodes and the data electrodes, respectively, in response to an image signal from the scaler, the method comprising steps of:

- comparing line by line changes of the image signal outputted from the scaler;
- changing luminance of the image signal outputted from the scaler according to a result of the comparison; and
- changing the number of drives of the address driver based on the changed luminance.

7. (currently amended): The method as claimed in claim 6, wherein the luminance change step includes steps of:

- ~~comparing the image signal from the scaler line by line, and~~ counting the number of luminance changes among pixels constituting the lines; and
- changing the luminance of the image signal outputted from the scaler according to the number of luminance changes counted.

8. (original): The method as claimed in claim 7, wherein the counting step includes steps of:

- delaying the image signal outputted from the scaler by a predetermined period of time;

comparing luminance among pixels for the image signal outputted from the scaler and the image signal delayed by the time period; and
counting the number of occurrences of the luminance differences among the pixels.

9. (original): The method as claimed in claim 8, wherein the predetermined period of time is a time period of the image signal outputted line by line from the scaler.